



PATENT

AMENDMENT TRANSMITTAL FORM

In re application of: John S. Buchanan et al) Before the Examiner
U. S. Serial No.: 09/107,787) C. Scott Bushey
Filed: June 30, 1998)
For: VAPOR/LIQUID CONTACTING CYCLONE)
WITH SECONDARY VANES) Group Art Unit 1724

RECEIVED
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ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

- ☒ The undersigned hereby certifies having information and a reasonable basis for belief that this correspondence will be deposited as first-class mail with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on MAY 10, 2000.

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$ 870.00 to extend the time for filing this response until MAY 15, 2000.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7)
Total Claims	* <u>7</u>	Minus	** <u>22</u>	<u>0</u>	x 18.00	<u>0</u>
Indep. Claims	* <u>3</u>	Minus	*** <u>4</u>	<u>0</u>	x 78.00	<u>0</u>
MULTIPLE DEPENDENT CLAIM FEE					\$260.00	<u>0</u>
FEE FOR CLAIM CHANGES						<u>0</u>

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this AMENDMENT, including claim changes and any extension of time is calculated to be \$ 870.00.

☒ Charge \$ 870.00 to Deposit Account No. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1330. A duplicate copy of this Form is enclosed.

May 9, 2000
Date of Signature

Post Office Address
(to which correspondence is to be sent):

ExxonMobil Research and Engineering Company
(formerly Exxon Research and Engineering Company)
P. O. Box 390
Florham Park, New Jersey 07932-0390

Attorney or Agent of Record

PAUL E. PURWIN

Registration No. 29,203

☒ Pursuant to 37 CFR 1.34(a)

JJD:kak
May 5, 2000

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
John S. Buchanan et al) Before the Examiner
U. S. Serial No. 09/107,787) C. Scott Bushey
Filed: June 30, 1998)
VAPOR/LIQUID CONTACTING CYCLONE) Group Art Unit 1724
WITH SECONDARY VANES)

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

AMENDMENT

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In response to the Office Letter of November 15, 1999 please amend as follows:

In The Specification:

At page 1, line 23, delete "(Herbert)" and substitute therefor --(Richard)--.

At page 6, lines 24 and 25, delete "(a non-spinning zone) in the portion of the cyclone near the floor the floor at the floor of the barrel." and substitute therefor --at the cyclone inlet as in the case of the device of Figure 1--.

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I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on MAY 10, 2000.
Date of Deposit

Kathleen A. Kuna

Kathleen A. Kuna
Signature

MAY 10, 2000

Name of attorney or agent

Date of Signature